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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/092,554	03/08/2002	Yasutaka Ishii	3273-0153P	1456

2292 7590 11/19/2004  
BIRCH STEWART KOLASCH & BIRCH  
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EXAMINER

SHIAO, REI TSANG

ART UNIT	PAPER NUMBER
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1626

DATE MAILED: 11/19/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

**Advisory Action**

Application No.

10/092,554

Applicant(s)

ISHII ET AL.

Examiner

Robert Shiao

Art Unit

1626

**--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

THE REPLY FILED 22 September 2004 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

**PERIOD FOR REPLY [check either a) or b)]**

- a) ☒ The period for reply expires 3 months from the mailing date of the final rejection.
- b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection. ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. ☐ A Notice of Appeal was filed on \_\_\_\_\_. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
2. ☒ The proposed amendment(s) will not be entered because:
- (a) ☐ they raise new issues that would require further consideration and/or search (see NOTE below);
- (b) ☐ they raise the issue of new matter (see Note below);
- (c) ☒ they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
- (d) ☐ they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: \_\_\_\_\_.

3. ☐ Applicant's reply has overcome the following rejection(s): \_\_\_\_\_.
4. ☐ Newly proposed or amended claim(s) \_\_\_\_\_ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
5. ☐ The a) ☐ affidavit, b) ☐ exhibit, or c) ☐ request for reconsideration has been considered but does NOT place the application in condition for allowance because: \_\_\_\_\_.
6. ☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
7. ☐ For purposes of Appeal, the proposed amendment(s) a) ☐ will not be entered or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: \_\_\_\_\_.

Claim(s) objected to: \_\_\_\_\_.

Claim(s) rejected: \_\_\_\_\_.

Claim(s) withdrawn from consideration: \_\_\_\_\_.

8. ☐ The drawing correction filed on \_\_\_\_\_ is a) ☐ approved or b) ☐ disapproved by the Examiner.
9. ☐ Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s). \_\_\_\_\_.
10. ☒ Other: See Continuation Sheet & attachment

Continuation of 10. Other: The obviousness-type double patenting rejection is maintained, see attached MPEP 804 and Chart II-B..

R. Desai 11/15/04

R.S. 11/15/04

individual nucleotide sequences, such as set forth in example (C), will be subject to a restriction requirement. Applicants will be required to select one combination for examination. If the selected combination contains ten or fewer sequences, all of the sequences of the combination will be searched. If the selected combination contains more than ten sequences, the combination will be examined following the procedures set forth above for example (B). More specifically, the combination will be searched until one nucleotide sequence is found to be allowable with the examiner choosing the order of search to maximize the identification of an allowable sequence. The identification of any allowable sequence(s) will cause all combinations containing the allowed sequence(s) to be allowed.

In applications containing all three claims set forth in examples (A)-(C), the Office will require restriction of the application to ten sequences for initial examination purposes. Based upon the finding of allowable sequences, claims limited to the allowable sequences as in example (A), all combinations, such as in examples (B) and (C), containing the allowable sequences and any patentably indistinct sequences will be rejoined and allowed.

Rejoinder will be permitted for claims requiring any allowable sequence(s). Any claims which have been restricted and nonselected and which are limited to the allowable sequence(s) will be rejoined and examined.

#### **804 Definition of Double Patenting**

##### *35 U.S.C. 101. Inventions Patentable.*

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

##### *35 U.S.C. 121. Divisional Applications.*

If two or more independent and distinct inventions are claimed in one application, the Director may require the application to be restricted to one of the inventions. If the other invention is made the subject of a divisional application which complies with the requirements of section 120 of this title it shall be entitled to the benefit of the filing date of the original application. A patent issuing on an application with respect to which a requirement for restriction under this section has been made, or on an application filed as a result of such a requirement, shall not be used as a reference either in the Patent and Trademark Office or in the courts against a divisional application or against the original application or any patent issued on either of them, if the divisional application is filed before the issuance of the patent on the other application. If a divisional application is directed solely to subject matter described and claimed in the original application as filed, the Director may dispense with signing and execution by the inventor. The validity of a patent shall not be questioned for failure of the Director to require the application to be restricted to one invention.

The doctrine of double patenting seeks to prevent the unjustified extension of patent exclusivity beyond the term of a patent. The public policy behind this doctrine is that:

The public should . . . be able to act on the assumption that upon the expiration of the patent it will be free to use not only the invention claimed in the patent but also modifications or variants which would have been obvious to those of ordinary skill in the art at the time the invention was made, taking into account the skill in the art and prior art other than the invention claimed in the issued patent.

*In re Zickendraht*, 319 F.2d 225, 232, 138 USPQ 22, 27 (CCPA 1963) (Rich, J., concurring). Double patenting results when the right to exclude granted by a first patent is unjustly extended by the grant of a later issued patent or patents. *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982).

Before consideration can be given to the issue of double patenting, there must be some common relationship of inventorship and/or ownership of two or more patents or applications. Since the doctrine of double patenting seeks to avoid unjustly extending patent rights at the expense of the public, the focus of any double patenting analysis necessarily is on the claims in the multiple patents or patent applications involved in the

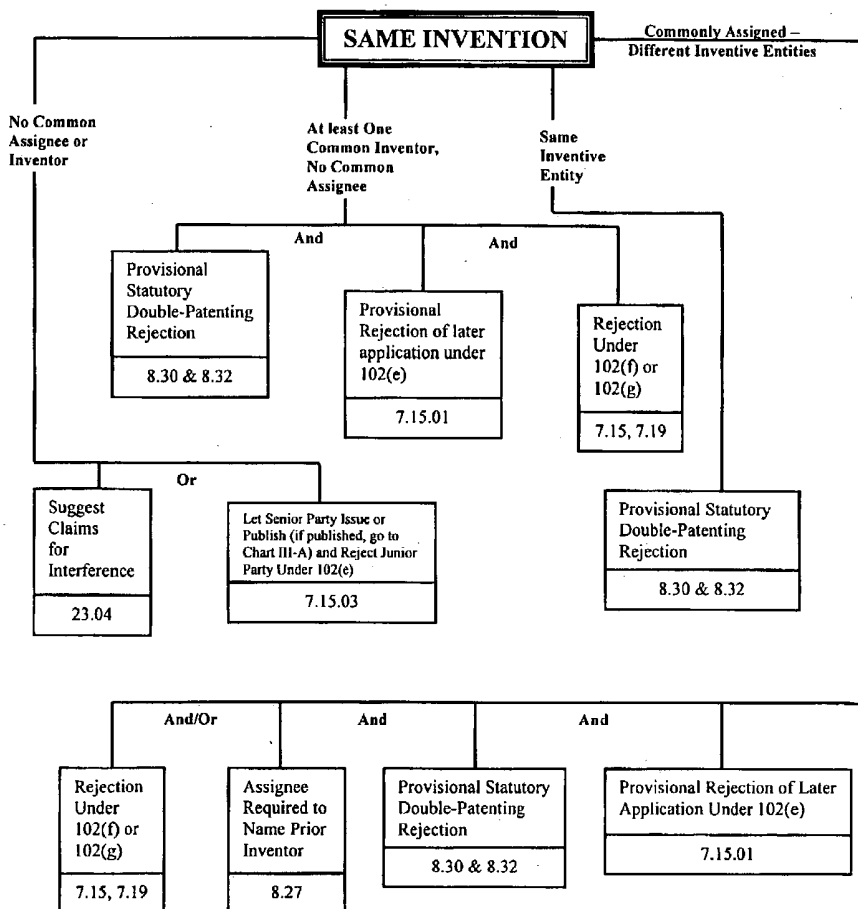
analysis.

There are generally two types of double patenting rejections. One is the “same invention” type double patenting rejection based on 35 U.S.C. 101 which states in the singular that an inventor “may obtain a patent”. The second is the “nonstatutory-type” double patenting rejection based on a judicially created doctrine grounded in public policy and which is primarily intended to prevent prolongation of the patent term by prohibiting claims in a second patent not patentably distinguishing from claims in a first patent. Nonstatutory double patenting includes rejections based on one-way determination of obviousness and on two-way determination of obviousness. Nonstatutory double patenting could include a rejection which is not the usual “obviousness-type” double patenting rejection. This type of double patenting rejection is rare and is limited to the particular facts of the case. *In re Schneller*, 397 F.2d 350, 158 USPQ 210 (CCPA 1968).

Refer to Charts I-A, I-B, II-A, II-B, III-A, and III-B for an overview of the treatment of applications having conflicting claims (e.g., where a claim in an application is not patentably distinct from a claim in a patent or another application).

**CONFLICTING CLAIMS BETWEEN:  
TWO APPLICATIONS \***

CHART I-A



\* This chart applies where the application being applied as a reference has NOT been published.

# CONFLICTING CLAIMS BETWEEN: APPLICATION AND A PATENT

CHART II-B

## DIFFERENT INVENTIONS (Not Patentably Distinct)

Currently  
Commonly Owned:  
Different Inventive Entities

No Common  
Assignee or  
Inventor

At least One  
Common Inventor,  
No Common  
Assignee

Same  
Inventive  
Entity

And

And

Obviousness  
Double-Patenting  
Rejection

8.33 & 8.34 or 8.36

Rejection  
Under  
102(e)/103(a) \*

7.21.02

Rejection Under  
102(f)/103(a)  
or 102(g)/103(a)

7.21

Rejection Under  
102(e)/103(a) \*

7.21

Obviousness  
Double-Patenting  
Rejection

8.33 & 8.34 or 8.36

Commonly Owned at Time  
of Applicant's Invention

And

Obviousness  
Double-Patenting  
Rejection

8.33 & 8.34 or 8.36

Rejection  
Under 102(e)/103(a) \*  
(for applications filed prior to  
Nov. 29, 1999)

7.21.02

No showing of Common Ownership at Time of Applicant's Invention

And/Or

And

And

Rejection  
Under  
102(f)/103(a)  
or  
102(g)/103(a)

7.21

Assignee Required to Either:  
(a) Name First Inventor of Conflicting  
Subject Matter Under 102(f) or (g)  
or  
(b) Show Inventions Were Commonly  
Owned at Time of Applicant's Invention

8.28

Obviousness  
Double-Patenting  
Rejection

8.33 & 8.34 or 8.36

Rejection Under  
102(e)/103(a) \*

7.21.02

\*The reference patent would NOT be prior art under 35 U.S.C. 102(e) where the patent issued from an international application and the application being examined was filed on or after Nov. 29, 2000 or filed prior to Nov. 29, 2000 and voluntarily published.